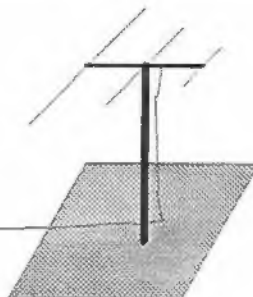


**R****F****ORANGE COUNTY AMATEUR RADIO CLUB****VOL. XXXI NO. 10****P.O. BOX 3454, TUSTIN, CA 92681****OCTOBER, 1990**

## Our October Program

**Annual Auction  
Friday, Oct. 19**



The Annual Auction is **HERE!** Doors open at 6:15 PM, the Auction starts at 7:30 PM. No fee for Buyers, Sellers fee is 10% of selling price to OCARC. Complete rules on page 7.

Bring your stuff,

and your money.

**Enjoy  
Buy  
Sell**



**Enjoy  
Buy  
Sell**

## The Prez Sez..... by Chris Breller, KJ6ZH

October's meeting is the club auction so check out all of your "ham junk" that has been accumulating around the shack and bring that which you want to sell. The auction is always a lot of fun for both sellers and buyers. I am always amazed at some of the neat things that are offered for sale each year.

The California Classic Carriage Driving event went very well the other weekend. KD6XO had lots of help from the club to provide communications for the event.

— NOTE: The club will be changing the start time for the Wednesday 2 meter net. See the board minutes for info.

The nominating committee is looking for a few good hams to fill positions on the board for 1991. This is your chance to help direct the activities of the club. If you are interested in filling a club office, contact me, Ken W6HHC, Frank W6VKZ, or Bud WB6VPP.

73 de Chris KJ6ZH ...\_..

**November Meeting:  
Gene Davies, AA6NP Speaker & Club Elections  
December is the Annual Holiday Banquet**

## Minutes of September Club Meeting - 9/21/90

by Bob Tegel, KD6XO

Meeting was called to order at 7:30 by President Chris, KJ6ZH. Mark KJ6JC was absent. 51 members and guests were present. Ken W6HHC presented a video tape on the "Hazards of Electromagnetic Radiation".

CORRESPONDENCE-none.

TREASURERS REPORT: \$200 from checking transferred to savings. Savings - \$1073.40  
Checking - \$545.63.

Minutes from last meeting were approved as published. AF6C asked for any corrections to roster to be made known.

### OLD BUSINESS:

Auction. motion to change rules - no \$3.00 fee or 10% to \$8. Changed to 10% and no

fee - passed and carried. October meeting doors to open 6 pm to register. Minimum price should be marked; electronic related gear only.

November meeting will have AMSAT presentation.

Xmas banquet Dec 9 at Black Angus Restaurant, Euclid and Garden Grove Blvd in Garden Grove - can order steak. Will have sign up at next meeting. Price \$15.50 Includes tax and tip.

NEW BUSINESS: Bulk mail possible permit instead of First Class - Bob KD6XO will check on details and report at next meeting. Picnic was suggested by AF6C - no support at this time. Election committee needed - WA6VKZ, W6VPP and W6HHC volunteered.

Please see MINUTES, page 4

## Minutes of OCARC Board Meeting - 10/6/90

by Jane Breller, n0ne

Called to order at 9:05 am.

Officers Present:

President, Chris KJ6ZH; Vice President, Ken W6HHC; Treasurer, Bob AF6C; Membership, Tom WA6PFA; Member-at-Large, John WA6LAB; Membership-at-Large, Frank WA6VPP; TVI, Bud WA6VPP

### OLD BUSINESS:

AUCTION: 10/19/90, no seller's fee, club gets 10% of all transactions. Publish one page flyer this week.

### NETS:

2 Meters - now on Wednesday from 9:00 PM - 10:00 PM. Suggested 8:30 PM start time (after Club approval). 15 meters (phone) will be run by Ken W6HHC - he has no issue with change. Newline tapes will be run at 9:00 PM.

### RF:

Need to publish Club dues. \$12 single, \$18 family.

### NOMINATION COMMITTEE:

(Ken W6HHC, Bud WA6VPP, Frank WA6VKZ, Chris KJ6ZH)

- Need volunteers to hold office
- Will be calling all members
- Need description of jobs, AF6C will do write-up.

### CHRISTMAS BANQUET:

Sign up list will be going around beginning 10/19/90 meeting.

### NEW BUSINESS:

POSTAGE: Club is spending a lot of money.

- May go bulk rate, Phil has details (4th class mail, increase in delivery time)
- Limit RFs to no more than 40 over membership.
- One complementary copy - put in flyer that states is the only copy they will get (Tom, W6PFA)

### RF ARTICLES:

- Jim Talcott, can redo front page artwork?

### BADGES:

- Need to find place to get them done (engraving).
- Cost \$5.00
- Ted Glick had an engraving machine. Is it available?

## 1990 CLUB BOARD of DIRECTORS

President .....	Chris Breller .....	KJ6ZH ..	(213) 866-2077
Vice President .....	Ken Konechy .....	W6HHC .....	541-6249
Secretary .....	Bob Tegel .....	KD6XO .....	531-0926
Treasurer .....	Bob Eckweiler .....	AF6C .....	639-5074

Activities .....	John Meacham ....	KJ6TK .....	842-4702
Membership .....	Tom Thomas .....	WA6PFA .....	771-2917
Public Relations .....	Mark Stanford ....	KJ6JC .....	991-7398
T.V.I. Chairman .....	Bud Barkhurst.....	WA6VPP .....	774-6361
Member at Large .....	Frank Smith .....	WA6VKZ .....	
Member at Large .....	John Roberts .....	WA6LAB .....	540-7368

## CLUB APPOINTMENTS

Club Historian .....	Bob Evans .....	WB6IXN .....	543-9111
W6ZE Trustee.....	Bob Eckweiler .....	AF6C .....	639-5074
RF Editor .....	Nancy Bucher .....	N6XQR .....	537-8728
Refreshments .....	Jane Breller .....	n0ne .....	(213) 866-2077

## DUES

Regular Member .....	\$12.00	Additional Family Members ....	6.00 each
Teenage Members (under 20) ..	6.00	Optional Club Badge .....	5.00

Dues for new members are prorated quarterly from January of each year. Family members must reside at the address of a Regular Member. One "RF" is sent per household.



## On the Nets - September, 1990

by Bob Evans, WB6IXN

9/5 2m phone net - W6ZE/IXN checks in BPX, ZH, NG7D, VMS, XQR, RE, VPP, LAB, KAA, VDP, PFA, COT, & COU/M. Will BPX be able to fill his new 210 gal. tash barrels?..(stay tuned!) RE helps wid communications at the Westminster Festival on Labor Day, & airs 'Newslines 90' tapes. ZH & N0NE finish the floors at the QTH, & NG7D gets QSLs frm Columbia, Italy, France, Japan, & a PJ7 in San Martin. VMS finishes house painting & landscaping & Bill DXes 7 new countries: Syria (a Yugoslav in Golan Heights, YU3PR/4U); Is. of Man (British Is.); Walvis Bay, Namibia; Uzbek Prov., USSR; Iceland; Mongolia; Burma; & contacted 5T5HA frm Islamic Rep. of Mauritania. XQR's world turns bright red as the humming bird feeder springs a leak!..And Nancy finds the adr of an OP that may re-unite him wid his battleship group for their 40th reunion! VPP hears all OPs well, & Bud puts a new phone service on line..Wid all the wires arnd the shack, Bud's QTH is a vertical ant! Amplifier completed! ..& LAB ships it off to K0KWB in Omaha (COJ & others involved in the project, too)! KAA finishes the yard chores & helps neighbor wid lawn sprinklers. PFA will host a plumber to tackle the 'warm kitchen floor' problem, & COU/m motors to Flagstaff, & interests the m in DX as he works AA6DX frm Fairbanks, AK. VDP 'flies in & flies out'. COT & IBN remind all to join the 'trivia net' group on 144.33!

9/12 2m phone net - W6ZE/IXN checks in NG7D, RE, PFA, BPX, JSV, SDU, KAA, ZH, HHC, XQR, VDP, AF6C, COT, VMS, XO, XSJ, YZG, & DLA. BPX stays indoors out of the heat as he contemplates trimming low branches frm the avocado tree. RE airs 'Newslines tapes', & calls fer volunteers for the San Onofre Nuclear Generating Station (SONGS) drill on 17 Oct., 8AM-2PM. NG7D dumps out his 'shoe box QSLs' & discovers he has worked half the U.S. fer his QRP WAS! JSV inflicts a 'cat-can-cut' on his hand which requires stitches! ..& Jim & Jeannie will soon be re-roofed. Hi! KAA checks into the ARES net in Chula Vista, & ZH used to belong to the CV club that provides these ARES members! ..n0ne is watching TV! AF6C 73s ..must leave fer work in early am. HHC answers 2 OP's questions & converts IXN's 'Net News' to usable copy fer XQR, & Nancy 'bogs down' wid 'RF' on one hand, & the software business on the other! VDP 'Singapore's' on 20m & 'Chiles' on 6m! VMS finishes the lawn sprinkling system as he casually works Ron Wright, ZLIAMO on Chatham Is wid call ZM7AMO; HS0E on 20mSB; IZ90CW (a revolutionary in Burma); C21DX (Rep. of Nauru); China, Sardinia, & Austria all on CW! COT 'flies in & flies out', & XO calls fer OPs to help wid the 'CA Classic' event. DLA, PFA, XQR, & RE all volunteer. XSJ takes the 940 to 'Snailwood' fer repairs, awaits his new call, & helps VDP wid the 2m ant. YZG plans strategy to keep Dianna's cat away frm

the canines! And DLA recommends AMTRAK if you really want to see this 'wide country'! ..Now back to work fer Bruce. Bla! SDU & XYL fall in love wid the Dude 'R' Ranch north of Lake Isabella, where they spent a weekend.

9/19 2m phone net - W6ZE/IXN checks in BPX, ZH, RE, ZAU, NG7D, AF6C, PFA, HHC, VMS, COU, VDP, XSJ, KAA, COT & IBN, JSV, ZOB, & UJD. BPX 'chiropractors' to straighten out a crooked neck, & RE monitors WIAW fer bulletins, wrks the RC Bloodmobile, announces upcoming SONGS exercise, & airs 'Newslines' tapes. All OPs give humble tnx to XQR fer another excellent 'RF'! ..Now reward Nancy wid some articles fer future 'RFs'! And ZAU finds a Hi-Z mike fer NG7D, as Brian completes construction of a 2m J-pole wid 440 on top. NG7D QRP's Mass. on 15m wid 3W! n0ne keeps ZH awake wid delicious smells frm the kitchen as Jane prepares goodies fer Fri. Club meeting. PFA's insurance co. picks up most of the tab fer Tom's 'warm kitchen floor' disaster, as Tom masters MS-DOS & packet computer programs. HHC gives preview of Fri. Club program, & JSV will bring back-up equipment. JSV also gives history of Vanuatu Is. group (used to be New Hebrides). KAA & IXN watch the wind blow their lawn sprinkler water in all the wrong places, & VMS will join us wid his new lawn sprinkling system! Bill also finds time to DX the Comoros Is, D68WB, 14.155 SSB, at 3:45 Zulu; S. Orkney Is, VP8BXX; Wallis Is, XFW0ET; & ZM7AMO agn(above), wid Botswana, Market Reef, & the Phillipines thrown in on the side. Bill suggests you dust off those CW keys & work the gud DX thru the phone pileups!! VDP joins in wid VMS, making DX contacts wid Chile (French OP) FW0DD on 20 CW, & Larry recommends all OPs keep QSL info accurate to insure a high return rate on QSL cards! XSJ's tel. : (714) 531-3087..Please add it to your rosters! ..And, XSJ is enjoying the remote control fer his Omni 5 TenTec. Rolf will also be working 'motor scooter mobile' wid the 2m HT frm Big Bear! COT & IBN gets their Club membership cards as Mike & Sheryl prepare fer the 'Insomniac Net', & for a workshop program wid another club. COU 'flies in & flies out', & UJD has the key fer Fri. Club meeting room. N6ZOB will eyeball wid OPs at Fri. meeting, & Jim hopes to join us on the net next Wed.

9/26 15m phone net - W6ZE/HHC checks in NG7D, AF6C, GDZ, & IXN. NG7D checks in QRP wid the new mike provided by ZAU, using 2W! AF6C & HHC check data bases fer VKZ's phone # & adr fer IXN. GDZ hears Russian DX on 15m, & leaves the net to take a landline!

*Continued on Page 4*

## On the Nets - September, 1990 (Continued)

by Bob Evans, WB6IXN

9/26 2m phone net - W6ZE/IXN checks in NG7D RE, KAA, BPX, ZAU, PFA, HHC, XQR, VKZ, XTJ, VDP, KC6NTX & KC6NTY, GDX, XSJ, KK6FK, SDU, & VPP. KAA's kitten claws its way up Mike's leg as KAA tells OPs abt 2m operation (150 mi) frn the Santa Maria area. RE updates OPs on ARRL bulletins, & warns OPs of a postage hike by Feb.'91, after airing 'Newsline' tapes. NG7D has a 'no-power supply' on his computer, & HHC warns John that high voltage spikes at power failure might affect his RAM/ROM, as Ken prepares for CA. Classic event this weekend. XQR 'hobbies' into trap shooting & gets her a Remington 870 shotgun. After modification (hair trigger, Nancy?), XQR will be ready to try her luck! ZAU plans to investigate NG7D's shack at close range as he works on an ant. at another QTH. PFA will join HHC, XO, RE, XQR & other OPs at the CA. Classic event Sun., wid all his ATV gear to record & show the proceedings! IXN requests & procures VKZ's adr. KTX 'motors in & out' as he leaves the area on his way to Glendale. VDP spends little time on the air as he & XSJ investigate & analyze the power supply for a Harvey Wells ant. tuner! VKZ checks in & out, wid QRN on Frank's sigs. ZE can't hear GDZ, but Will relays that the .895 machine can be used for RACES activities only, & not for Club nets. Bob & Tommi, KC6NTX & KC6NTY temp. KTs, checked into the net for the 1st time, & OPs will look forward to 'eyeball' QSOs wid Bob & Tommi! VPP greets all OPs as Bud joins us at net's end. Nate, KK6FK, known by many Club OPs, checks in frn Costa Mesa. Hpe we meet Nate at a future meeting!

**NEW START TIME FOR 2  
METER NET IS  
8:30 PM, WEDNESDAYS**

## A Simple Multiband HF Antenna You Can Build

by Larry Beilin, N6VDP

Several years ago, my 14AVQ vertical antenna quit working. I found that the traps had finally given up from corrosion. I then decided to try a delta loop wire antenna. The dimensions were taken from the "73 Vertical, Beam, and Triangle Antennas" book by Ed Noll, W3QFJ.

My present loop is a full wave on 40 meters, about 142 feet around the periphery. It is supported by a single 33 foot mast mounted on a wooden platform which straddles the peak of my roof. The 2 sets of guy lines are 5/16" dacron rope, which I purchased from a boat supply company. The guys are attached to 3 eye bolts which are fastened to 3 2"x4"s which are bolted through the face boards around the edge of the roof. This avoids making any holes in the roof.

The loop is made of 14 gauge enameled solid copper wire. My first loop was made from 16 gauge bare stranded wire, which after a few years, showed severe corrosion. The loop is fed at a lower corner with home-made ladder line, which was constructed of the same solid copper wire, and polystyrene insulators. The ladder line is only about 15 feet long and is routed through a plastic window to my tuners. Commercially made

ladder line is available for about 11 cents per foot, much cheaper than coax.

The delta loop antenna operates on all hf bands including 6 meters. I use 3 different tuners: a Johnson Matchbox, a Harvey Wells Z Match, and a Kenwood AT230. The first two are true balanced tuners as both terminals are above ground. No baluns are used anywhere. For 160 meters, I tie both feed wires together and connect them to the wire antenna terminal on the Kenwood. Tuning takes all of about 10 seconds on any band. The antenna does not seem to be directional, however, a second element could easily be hung on the same mast to make a beam.

There are no magic antennas which perform best under all conditions, however the delta loop is a simple all band antenna that really works. It is very efficient as there are no losses in the system. It receives quite well due to its large aperture or capture area. It can be configured horizontally in a triangle or square with somewhat less performance. **I will help anyone interested in building one.** My tuners were purchased used at the TRW swap meet for reasonable cost.

### Minutes

*Continued from page 2*

**BULLETINS** - none. Suggested to move 2 meter net up to 8:00 or 8:30 because of amount of checkins. 15 meter net to decide own time. Wilbur will check on PL Problem for repeater use during net. Tabled and will discuss at board meeting.

**GOOD OF THE CLUB:** Alex reports W6RO was shut down because of Disney, but will be limited op 10 October and full op 1 November. MARS system accepting traffic for Saudi Arabia. Oct 17 drill will be set up by Red Cross - need 12 operators that day. Kenwood has new BBS. Corky, N6HQI: ARRL SET Oct 13, National SET Oct 20.

Visitors: Carl N6VNG, Mel KC6NHH, and Gerry KC6COU. Adjourned 9:55 pm. Respectfully submitted, Bob, KD6XO Secretary.

### Computer Swap Meet Coming!

The North Orange County Computer Club (NOCCC) will be holding their 24th twice yearly swap meet on October 28th, 1990 from 8 AM till 5 PM. The location will be Fullerton Junior College located at Chapman Avenue and Lemon Street in Fullerton. The swap meet will be in the north parking lot adjacent to Berkeley Ave. The NOCCC swap meet used to be held in the ACP parking lot before ACP started holding their own bimonthly events. It seems to retain more of the charm, and less of the commercialism, with more individuals selling personal items. A new feature of the NOCCC swap meet this year will be free seminars on: How to select a printer. How to select a color monitor. All about hard drives. Installing new components. Upgrading your memory. There will also be general question and answer sessions.

## Work the BIG ONE! CQWWDX

by Bill Freyfogle, N6VMS

Does the prospect of working 100 different countries in one weekend sound intriguing? How about the chance to work the largest contest in all of ham radio, with over 10,000 participants? If so, the CQ Worldwide DX (CQWWDX) Contest is for you!

The CQWWDX Contest is sponsored by CQ Magazine here in the U.S. Held the last full weekend of October (SSB) and November (CW), the contest is the "Super Bowl" of radio contests with over 175 countries usually represented. This year, the SSB contest starts 0000 UTC October 27th and ends 48 hours later at 0000 UTC October 29th. The rules for individuals are fairly simple. An individual can enter into one of three basic categories: a) single operator - all band, b) single operator - one band, or c) single operator - assisted. The contest is held on all "regular" DX bands - 10, 15, 20, 40, 80 and 160 meters. No WARC bands are used.

Single operator, all bands, means you can operate on all the above bands. Single operator, one band, means you stick to just one band, i.e. 10 meters. Single operator - assisted means you can use the DX Packet Clusters for spotting purposes (or voice repeaters and simplex). There are no mandatory rest periods in this contest, and some energetic contestants work the entire 48 hours straight!! The contest exchange is simple and straightforward; RS(T) and CQ Zone. For us in California, it is Zone 3. Our SSB exchange would be our callsign, followed by Five-Nine-Zero-Three. The objective of the contest is to work as many QSOs, countries and CQ Zones as possible. Scores are determined by QSO points times multipliers. QSO points for U.S. stations are awarded 2 points per QSO for contacts to Canada, Alaska, and other North American stations outside the continental U.S. and 3 points for contacts outside North America. Multipliers consist of the number of different countries (taken from the current ARRL DX countries list) per band and the number of different CQ Zones (from CQ Magazine's listing of 40 worldwide zones) per band. Contacts made with continental U.S. stations score zero QSO points but do count for Country and Zone multiplier credit. Here's an example:

Band	QSOs	QSO Points	Countries	Zones
10 meters	200	560	40	25
15 meters	150	320	35	20
20 meters	150	340	35	25
40 meters	100	230	20	15
80 meters	50	120	15	10
160 meters	30	70	10	8
Totals	680	1,640	155	103

The above score would be 1,640 QSO points times (155 plus 103) multipliers, for a score of 423,120, a very respectable score!

Full details of the CQWWDX Contest rules are found in the September issue of CQ Magazine. Awards are given for each US Call District for highest scores in each class. The winning scores worldwide usually come from islands off the coast of South America or Africa. You will hear stations running 4 or 5 kilowatts from gigantic antenna farms. This is the closest to electronic warfare you'll participate in!

Contacts made during the contest do count for DXCC credit, and most stations contacts will QSL if you send them postage. It is entirely possible to work and eventually confirm 100 countries as a result of this contest.

Here's some tips for enjoying the contest.

- Set reasonable goals - there's no chance of winning, as the "big guns" have mega-mega stations and antenna farms. Shoot for 100,000 points or a top 20 finish from California.
- Have a game plan - plan when to rest and when to work different bands. Keep an eye on the propagation.
- Decide when to hunt for multipliers and when to try for QSO points.
- Use a computer program if possible, this cuts down on paperwork and helps spot dupes and new multipliers.
- Decide quickly if you can bust a pileup and when you must QSY, waiting for better propagation to the rarer multipliers.

**How big is this contest? Tune in on 10 meters Saturday afternoon and find out - you will hear solid, overcrowded contest calling from 28.300 to 28.750 Mhz!!! This contest dwarfs all other DX contests! If you like contests or just want to work some new countries for DXCC, the CQWWDX is THE BIG ONE! Don't miss it!**

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## Public Service Event a Big Success

by Bob Tegel, KD6KO

Just a note of thanks to the many OCARC members who made the California Classic Combined Driving Event in Rolling Hills run so smoothly. There were ten members from OCARC (W6RE, KJ6ZH, N6XQR, KC6DLA, AF6C, W6HHC, WA6VKZ, KD6XO, WA6PFA, KB6WLO); 7 members from the Westminster Emergency Radio Group; 2 members from the Palos Verdes Amateur Radio Club; 2 members from the Tri Valley Radio Club; and several free-lancers (including N6YYN and N6YYO) - for a total of 23 operators on the marathon day and 4 on dressage day.

There were 40 carriages entered in the event which is patterned after the 3 day riding event in the Olympics. There is a day of dressage, a marathon course, and obstacle driving. I think after the scratches, there was a total of about 34 or 35 carriages in the marathon, with 2 four-in-hands, 5 pairs, one tandem (a horse in front of another horse) and the rest were single rigs. Special thanks goes to Tom, WA6PFA for broadcasting live video via ATV from the hazard sites to the barn area. This was a fantastic PR plug for amateur radio and the competitors got a kick out of seeing how the others fared on the course. There was one tip-over and one injury requiring ambulance transport. Ham radio helped speed up this also.



## November is Club Elections (It's Railroad Time Again)

**Election for the 1991 Club Board of Directors will be held at the November meeting.**

If you are interested in participating on the Board please let the President, Vice President or Election Committee know. The duty of the Election Committee is to suggest a slate of Officers for the new term. Additional nominations from the floor are encouraged. In fact, the candidate suggested by the Nominating Committee must be nominated by the membership. Since the Club has had such a large growth this year, it may be a good idea to review the election procedures, qualifications and duties of the ten board offices. More detailed information may be obtained from the Club Bylaws.

### **Election Procedure:**

The Officers shall be nominated and elected one office at a time from the floor at the regular November meeting. Election is by secret ballot. The purpose of the nominating committee is only to suggest a slate; nominations are open to all qualified parties. Officers cannot hold the same office for two consecutive terms.

### **Qualifications\*:**

Officers of the Club must hold a Technician Class or higher license and be a member in good standing. The President and Vice President should have prior experience on the Board of Directors. All board members must be 21 years of age or older.

### **Officer Duties:**

It shall be the duty of the PRESIDENT to:

- Preside over Club meetings, and have the casting vote.
- Appoint committees as prescribed by the Bylaws.
- Call special meetings as he deems necessary.
- Represent the Club during social and business contacts.
- Provide leadership to the Club.

It shall be the duty of the VICE PRESIDENT to:

- Act in the absence of the President to perform his duties.
- Arrange for appropriate speakers at the regular club meetings.

It shall be the duty of the SECRETARY to:

- Keep records of club, Board of Directors and special meetings.
- Receive, and read all communications to the members.
- Attend to all Club correspondence.

It shall be the duty of the TREASURER to:

- Receive all funds of the Club.
- Make payment for normal operating expenses.
- Make payment for special expenses approved by the Club.
- Keep a complete record of all monies received and expended.
- Report financial status of Club at meetings.
- Prepare year-end report for audit committee.
- Fill out and sign all membership cards.
- Keep the corporate seal.

It shall be the duty of the ACTIVITIES MANAGER to:

- Organize outside activities, especially Field Day.
- Obtain raffle prizes and be in charge of raffles.
- Be in charge of refreshments for general meetings.
- Police meetings or other areas for cleanliness and order after activities.
- Enlist, at his discretion, members to help with refreshments and cleanup.

It shall be the duty of the PUBLIC RELATIONS OFFICER to:

- Prepare the meeting place prior to meetings.
- Welcome visitors and provide friendly contacts prior to the meeting.
- Be responsible for Club publications.
- Enlist assistance of members to assist him with his duties.
- Provide publicity for the Club and for Club events such as Field Day.

- Do other acts required of him by the Board of Directors.

It shall be the duty of the TVI COMMITTEE CHAIRMAN to:

- Select a TVI committee of at least two members to assist him.
- To assist members and nonmembers in the elimination of interference.
- Keep a record of all complaints and the disposition of same.
- Do other acts required of him by the Board of Directors.

It shall be the duty of the MEMBERSHIP CHAIRMAN to:

- Maintain to date, an accurate roll of all dues-paid members.
- Address, stamp and mail "RF" to the membership.
- Keep a back record of the "RF" newsletter during his term.
- Prepare a Club roster for publication after the March meeting.
- Update the Club roster for publication upon recommendation of the Board.

In addition to the eight above Board members there are two MEMBERS-AT-LARGE. These positions are filled by the former President and former Vice President if they are not elected to another position on the Board. Should either Member-at-Large position be vacant then another member will be elected to that position.

**\* Note:** The Bylaws are currently under revision. Members of the Board are limited to persons holding licenses with 5 year terms. This is no longer valid with the current 10 year licenses. At the time the Bylaws were written, licenses of Technician and above had 5 year terms.  
de AF6C

**From Will, WB6GDZ  
Kenwood has a 24-hour BBS  
accessible by modem  
call  
(213) 761-8284**

## **THE O.C.A.R.C. ANNUAL AUCTION**

**WILL BE HELD FRIDAY EVENING, OCT. 19th SO MAKE YOUR PLANS TO ATTEND!!**

**Doors open at 6:15 PM - Auction begins at 7:30 PM**

### **AUCTION RULES & INFORMATION**

#### **PROCEDURES:**

- |                 |   |
|-----------------|---|
| <b>BUYERS:</b>  | <b>REGISTER</b><br><b>RECEIVE A BIDDER'S CARD</b><br><b>SHOW YOUR CARD WHEN YOU HAVE WON A BID</b>  |
| <b>SELLERS:</b> | <b>REGISTER</b><br><b>RECEIVE SELLER'S TAGS</b><br><b>INDICATE/CONFIRM MINIMUM BID FOR EACH ITEM</b>  |
| <b>AUCTION:</b> | <b>ITEMS FOR AUCTION WILL BE OFFERED IN NUMERICAL SEQUENCE BY SELLER'S REGISTRATION NUMBER. UP TO 5 ITEMS OF A SELLER WILL BE OFFERED EACH ROUND.</b> |

#### **FEES:**

- |                 |                                      |
|-----------------|--------------------------------------|
| <b>BUYERS:</b>  | <b>NONE</b>                          |
| <b>SELLERS:</b> | <b>10% OF SELLING PRICE TO OCARC</b> |

#### **MISCELLANEOUS:**

- **PLEASE BRING ITEMS RELATED TO HAM RADIO & ELECTRONICS (NO CAMPING OR FISHING GEAR....PLEASE)**
- **PLEASE MARK EACH ITEM OF YOUR GEAR WITH THE MINIMUM BID**
- **LOWEST MINIMUM BID IS \$1.00. IF THE ITEM IS NOT WORTH \$1, THEN PLEASE MAKE A "GRAB BAG" OF SEVERAL ITEMS.**
- **SELLERS WISHING TO DESCRIBE AN ITEM IN DETAIL SHOULD DO SO ON A CARD & TAPE THE CARD TO THE ITEM.**

#### **ADDITIONAL INFO:**

**CALL KEN-W6HHC 541-6249**

## **The Racket of Packet**

**by Bob Eckweiler, AF6C**

#### **CONNECTED TO AF6C VIA "RF"**

The growth of packet radio is occurring near a peak in the eleven year sunspot cycle. While packet on the VHF and UHF bands are very active, many hams are enjoying DX packet on ten meters. Europe and Asia can be found active on packet during the long band openings. Surely, someone has submitted his WAC (Worked All Continents) on packet by now. Can DX CC be far away? If DX packet interests you, talk to Tom, WA6PFA, at the next

meeting. Unless you are a real Packet Guru, be sure to read the series of files entitled "Introduction to Packet" recently appearing on various bulletin boards. The series, in 18 parts, was written by Larry Kenney, WB9LOZ. It goes into details on setting up your TNC; proper settings for all those parameters and what they really do; simple operating; using digipeaters; operating on the NETROM network; sending and receiving BBS mail along the forwarding network, including proper addressing; and just about everything else you would want to

know. I haven't finished reading it yet, but am impressed with what I have seen so far.

The N6RKY-1 BBS on 145.07 provides good coverage in the local Orange, Tustin, Santa Ana area. Give it a try if you are within range. It is a well run system and may be easier to use during peak hours than the wide area BBSs. N6RKY-1 provides a file base for COAR (City of Orange Amateur Radio) as well as many general files.

**DISCONNECTED FROM AF6C VIA "RF"**

## CLUB FUNCTIONS

**MONTHLY MEETING:** 3rd Friday of each month, 7:30PM at MERCURY SAVINGS & LOAN  
 Oct. 19th - Auction 1095 Irvine Blvd. (4th St. becomes Irvine)  
 Tustin, CA. Talk-in on 146.55 MHz  
 Nov. 16th - Elections, Speaker  
 (Take the 4th St. exit of the 55 Freeway  
 and head east. Continue past Newport Blvd.  
 about two blocks. It's on the left.)  
 Dec. 9th - Banquet  
**CLUB BREAKFAST:** 1st Saturday of each month, 8:00AM at DENNY'S Restaurant  
 Nov. 3rd 2314 E. Seventeenth Street Santa Ana, CA. (714) 543-0872  
 Dec. 1st (Second bldg. west of the 55 Freeway)

## CLUB NETS

BAND	MODE	DAY	LOCAL TIME	FREQ MHz	SPLIT	PL	OPERATOR
2 Meters	FM	Wed	2030 hrs.	146.550	smlpx	na	WB6IXN
15 Meters	SSB	Wed	2000 hrs.	21.375*	smlpx	na	WB6IXN
15 Meters	CW	Thu	2000 hrs.	21.175*	smlpx	na	KB6NAX

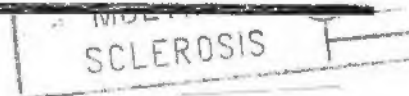
(Listen for W6ZE, net control) \*Plus or minus QRM

## ARES DISTRICT NETS

BAND	MODE	DAY	LOCAL TIME	FREQ MHz	SPLIT	PL	OPERATOR
2 Meters	FM	Mon	1900 hrs.	146.220	-600	1A	N6HQI 1
2 Meters	FM	Mon	~1915 hrs.	145.340	-600	4Z	K6KAA 2
2 Meters	FM	Mon	1930 hrs.	noted	smlpx	na	noted 3

1 - ARES Info net.  
 2 - ARES District 3 net starts after info net is completed (Usually about 1915 hrs).  
 3 - City Nets: Orange - 146.535 WB6FCP; Tustin - 146.505 WA6VKZ; Santa Ana - 147.585 W6HHC

**ORANGE COUNTY AMATEUR RADIO CLUB, INC.**  
**P.O. Box 3454**  
**TUSTIN, CA 92681**



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